Aviation Week

Including Space Technology

75 Cents

A McGraw-Hill Publication

Combat-Ready
Snark Enters
SAC Inventory

September 15, 1958

Westland Westminster, Wessex, Whirlwind and Widgeon

on modern jet engines....



NEW KAYLOCK HIGH TEMP NUTS

cut weight - save space





Where do you start himming eccess weight aff the slock power plants on our

marines ninerate? Covincia has the second for your entire design from the e your blob from The Keylock H33 -- first lightweight, high temp nut designed expecially for let-

Precision-registered of A286 correlatorsistant steel, this resolutioners 12point self-lacking out is for our le temperature pages to 1900°F. It's profess Keylock prightel-from the world's largest manufacturer of lightweight, selffor complete information and applification test data. Better yet, ask to have a

Antequale, self-tecking seral



KAYLOCK.

KAYMAD MAG. CO., INC. + KAYLOCK BYHRON + In Annie, Colonia + Wolde.

Course Mily Co., bo., 1818





QUALIFICATION TESTING OF YOUR PRODUCTS



ADFI, is compared to bandle requirements to many specifications, including MIL-E-5272.

experience, engineering skill, modern facilities.



DISTRICT OFFICES MINERIA - CAYTON - WIGHTA -

DESIGNERS, DEVELOPERS, MANUFACTURERS AND TESTERS OF AIRCRAFT AND MISSILE HYDRAULIC, PHEUMATIC, FUEL, MECHANICAL AND ELECTRICAL EQUIPMENT

AVIATION CALENDAR

ANALYSIS WEST Industry Sono Technology

Progress in the Science of Chronometry



attended towns precision capable of operating

AN INTEGRATED TIMING SYSTEM FOR TODAY'S GLOBAL CONCEPTS





Solar or sidereal time is displayed visually and is socilable for issue to automatic computers and indenine data with many types of recorders ... mannetic tape, oscillograms, photographs and stop charts. Parmeting a time scale with resolutions available to our microsecond this system is ideally stated for tracking and control of misules, astronomical measarements, and navigation systems. Write for Bulle-





100 Million Years for System Development of Man's Marvelous Temperature Control

COX SYSTEMS GIVE CLOSER CONTROL WITH

ULTRA-RELIABLE, FAIL-SAFE ELECTRIC HEATERS

Cax has desired more than appearing retires appearing 2000 different processful tem-





The Tougher the Problem...The Better We Like It!

COX & COMPANY, INC. 115 FAST 23 STREET Engineering Resignation of Mart Asset

AVIATION CALENDAR



From layout to launching pad... Crosley

Aven Crastey Hissile Constitutes

Avco



RYAN HAS YEARS OF EXPERIENCE IN MISSILE DESIGN, GUIDANCE, PROPULSION

Modern metados hero not relay disaged the consujet of global strainty—but slies the encuryin of beat, speed and power. The amendals but concemption, nontreatment and temperatures of their mass made metados beat consultations and temperatures of their mass made metados beat materials beat made and temperatures as made to their trans model through ventor, available consultant on welfally emitting that race. These or sittled its metalog their contents and temperatures are made and temperatures of temperatures of temperatures and t

opposed is designed, going only powering mannperson - Complete development of the Firstee; done mentio-scropyments and systems design que tity manufacture and field arrives. The Farstee in volume production for set by the Air Farst. Navy a SIGNET Rights bearing careful cat extension remembers are the insended without and in regarded in a new paragraph of the abstract of the property of the category and the resultance of the category and the categ

RYAN BUILDS ONE-HUNDREDTH BOEING JET TANKER AFT FUSELAGE

Bonng KO 135 pt cackers are now niling off the Bonn production has at the vate of 15 a month. Production of the gleat surframe structures as well post the 160 mark and alread of substidies.

colons and referring page external ranginal tashs and other components or the KC 155's people camer, the latest engined KC 97. The KC 97 reduction laws met "on schedule" observes for even years.



PACKAGED POWER

OR DOUGLAS DC-8p Complete set or zone pode and operating wing pylose for the new region DC 8 Artificates are newtering full production of Bytaran has been a mappe produceceptigated for infiltery and competition produces and produceceptigates are plants associated.

VERTIJETS CAN GIVE U. S. THE ADVANTAGE

Unlike excentional join Ebrails Vertiget in set dependent on volimiable resemble and sir lesses. Have be welly diagonal in rough former or furetic oil a made ground, 'Goldalin' ' This revolutionary reals takes oil and leads it steady on and force so jet force. Combat Vertigets will be more passewershell and futing that colorate passewershell and futing that colorate.

manerovable and faither than commificial jet figher bombers, more no bie and occurrie than ground the mandre. "Both vertical take off jeteom yet us a technical sobustings move before realized," may not by support on a power." I see proviotionary a charater and providence on the com-



RYAN BUILDS BETTER



Chart the citrus fruit tenter it serves is the quiter receive

New test your ordatten nil memory. Do you nonember the two important reasons with your consender the two important reasons why you'd did are before the your empty.

1. In addition to providing efficient, thereogh alternation, doll writing nick help keep engines often—and sadd

2. Galf-lesse engines can go longer between overheads, because them's how wasn and four overheads, because them's how wasn and four Choose either new Galaride Artstein Od.

aris D, the detargent oil, or Golf Aircraft agino Oil, the straight mixed of—both keep are cause Golf-dean and said. The angost pictured above is the Celanda, farida Markingla Marport, two road-ball indee at of the city. It has five proved ransways, the agent of these being 5,600 feet. Here you'll find the oldy Golf service under

of Showelter Plying Service.







The New A-MP "24-28" Torustral and Connectors are designed expensity to resist releasing, shock and mentor atrenue encountered in vice applications in every industry. They retain all

for special couplings on the need for on neight and space savings to important all in today's equipment design

Pentarcs of the New AJP '24-20' Terminal and Connection ree:

- Ministrated for space and wight strings:
- Annuarcs of any very operfections: a Pylon
- manked for the many forestild networks desired for the many forestild networks are suffered more more sufficient or the control of the many forestild to the many forestild networks and for the more forestild to the more forestild networks and the many forestild to the control of the contr



A NIP INCORPORATED 200 Guard Olice Federard, Hernoup, Pr.
White Owned Schedulerte Armets Rosen Federard, Committee C

Source AMP de France, Le Fin Sa. Gerrain, Seiner, France, Mr. Belland N.Y. o'Berngenboeth, Holland
RairBaster in Japans Occastel Terminal Products Co., Livi., Tokyn, Japan

11



The Singer Manufacturing Company auxoances the fermation of its Military Products Division, which through its three functional units, Haller, Raymond & Brown, Inc.,
Dish Manufacturing Company, and Singer Bridgeport Division, one efficiently handle

THE SINGER MANUFACTURING COMPANY
Military Produces Director
148 8800000WW, NEW YORK E, N. Y



The PLANE

Republic's FS4F Thunderstreak, in operation for the USAF and occord NATO nations. The swept-wing ample-such fighter is powered by a Wright 265 turbojet to apreads upwards of 450 no.24-1, carries drug perachate for about turbongs.



The PROBLEM

To find an effective seal for the drag chate door. Located for aft, this seal is subjected to both heat fives the jet engine and severely call slaysites and severely call slaysites and severely call slaysites and severely call slay-



The PART

Republic ordered seals of Silastic's, the Dow Corning silicone rubber. Silastic stays rubbers, forces reliable closure-

Trea recognic, thris 2 Compension see, 55 o 300 F For details, write Days, \$22.







NEW Automatic Flectronic Cable-making Machine Announced

(Los Angeles, California) After years of development. The california for H.E.D work we consominate from his Dipose-



SEESTENIAL SAVINGS



Cables produced on this up-a equipment meet all necessary

factores reduce their capital investment and investors in option to lon, or 4 nm. be purchased outright A 100%.

The Zippertubing cable suschine may be ordered in three



Magnavox gives "eyes" to Navy ASW Aircraft

... Airborne Display ... Airborne Receiver

... Sonohuove with a clear pattern of the appear-duality being them.







ment-working and growing with the averaft

From the Ex-Cell-O components logging blades, actuators, fuel neggles, valves and controls, Ex-Cell-O aircraft parts have









Provide Greater Accuracy In Analog Sampling Systems HIGH ACCURACY: 1% or better your to output no

AND WHEN PERSON CORRESPO Manmain 1 migra-

These and either advantages make solid-size ASCOP Electer pleases to liberal for your date handling systems.

LOW POYER CONSUMPTION: Last than 2 wells. SMALL AND LIGHT, Son, 45 cubes reclas, weight 2 STANDARD OPERATION. Time division multiplem to for



APPLIED SCIENCE CORPORATION OF PRINCETON COMERAL GETTERS PROMETON, NEW JUNESE

PRINCIPLE NEW (MINEY) 7 O The 44 Diffedente S 1000 CHOICE STREET LINE Administration from their pages and Not Miles delibrate 1500 De-De De Chie 27000 BRAIN 7800 Saharya Sarit & Tree Or Sale, Joshuage Park, Epidemid 10027

Seutember 15, 1959

SECURITY STATES

CHANG CONTRACT THE REAL PROPERTY. J. S. Carbelle 7 7 Factor C. S. Belowin. new rest ... At 1 Short & C. Hallman PERSONNEL I P. Wille W. L. Blendard

DECREASE PARAMETER HITTERS PROGRAM - AND A NO.

STREET, ASSESSMENT, AND DESCRIPTION OF

Harry M. Feeler

Colores In.

SURBER BANKER C . March

CREATER WHATEFUL T & Level

ANADOLOGIC MANAGES W. V. Parlock

Aviation Week technics Space Technology

THE PARTY OF THE PARTY OF THE RESIDENCE OF THE PARTY OF T

PERSONAL PROPERTY AND A CENTE - Brief & Box purbacity estimates by \$41 billion.

NEW YORK School | Davidsky, Serve Spread, ON AMERICA Diving Date Michael Property CONTRACT | 5 Page 21 Million Tollies AVIDES THE I THE INVEST A PAIN PRINTERS - State Senting, L. | Sen.

ALL TRANSPORT Persberrugh Muselini Beland Black Keinhel Se Sekn Sananahi CAR Especies Jul Southurge Plea

AVIONICI Laur Will Arrivator for Eightplaner Support Goor Teclered to 8 58

Depot in Athens

PROPERTY AND REAL PROPERTY IN THE PARTY OF THE PARTY IN

Not William Street, July 7. Whole



MAGNESIUM ALLOYS BUILD BIGGER PAYLOADS INTO SIKOPSKY 'CODTERS

the vatar is shore dead wright and contributes socking to present Dow Sales Office or write tree new convenient Several highly stressed acros, such as the suns but place,

Structural dead woulde-that over central problem in the new magnessee Supples. Other Silordy models, such as As every informative strainers well known, everything below. For more information, about management, countries you

> Sheet Bor and Take

YOU CAN DEPEND ON BO



and amountific reporting to relation to that of the Seviet

Only a few weeks ago a group of dataspacked somesareties. Faced with this overwhelming endeace that

to the and attends that have suspend mabble to

statement that this nation's military strength was based

Next we see the spectacle of a national workly man-

called the "Southek Syndrome" is afficient met of the

Stoned in Athens

The facts cond by Senator Saltmentall as evolution of

marro at the rate that our diller will proved. It is county, to once carried and countries on the litter furty faring no on the early 1960s. It is high last next two



WHO'S WHERE INDUSTRY OBSERVER

In the Front Office C. A. Thomas, econology, and Julya Traffer

William W. Herty, prophet. Mid-East

J. P. Lawler, a vice papietre. Account

Membelung Cop. Shiftener, Oka Na Larke mateurs of Welcorton D. C.

Min Gra Ather W Version (USA)

Changes

Dr. Henry S. Odlert, Fregum Davitor

GENERAL CONTROLS

numeroment organization in the Defence Department. Birred problem

*Tarkt Delegas Deportment facel policy may force Novy to absorbe als Early long-rouge sixtuitie meads now in the ratio phase of developsingler expeciation and both would be expensed with morious washesely, Outcomplific empounds—output structure recogniting webli tech

cocording at 1,000° and obeye. An Freez shreely has let constants to ► Swing ted aft leading extrances being proposed for nightery cargo version

Constant CL28 is been referred to the RAAF in an effect to market some

Microsol Electric C1495-5, commercial version of the EV turbust.

water Barby Selder Green Louden



Specify BARDEN Precision miniature ball bearings Precessa-built computer gray trees must



Earles President ministers bearings are body quality to Barden's larger metrument store.

THE BARDEN CORPORATION

41 E. Ferbins Str., Dealous, Consessous - Western office, 1850 Wilhim Well, Inc. Annales S. Californio MODERN THE PROPERTY AND A SERVIC LIMIT OR LINCON A SCIENCE OF SERVICES ASSESSED FROM A CONTRACT OF STREET, AND ASSESSED AND ASSESSED AND ASSESSED ASSESSED AND ASSESSED ASSESSED ASSESSED ASSESSED.

Washington Roundup ----

Bosing Top Contractor each for grants for hore severels us 1977, not cut to

White House Surprised

NASA Policy Council

President Approves Air Museum

Local Carrier Concern

Wilsonisms From Russia

norted that 100 companies and their offlights recoved

McElroy Slops Wrists

AMAZION WEEK, Survenber 15 1958

Defense FY '59 Funds Total \$41 Billion

Expenditures increased \$1.8 billion above Fiscal '58: obligational authority estimates hit \$41 billion.

Rudget Breekdown

*August-Ar Porce, \$1,001 billion. *Missless-to Force, \$2.700 billion.

a Electronic and communicative and in Administration's Stand

 Award-Ar Form 54993 billion As not extremely the viral column on a Electronian and communications. As

. Delenie omtragmer fasch very re-

watered from \$335 authors to Incure.

| Estimated | Net | Expenditures | -Fiscal | 1959 |
|-----------|-----|--------------|---------|------|

| Estimated Net | in the said | | cai 1939 | | |
|----------------------------------|-------------|---------|----------|--------------------------------------|-----------|
| | Atmi | Nen | As Fare | Office of Secretary of Defense | Test |
| Miker Penned Cats | 55 561,496 | | | | |
| | | | | | 9,552,114 |
| | 1312.946 | | | | |
| | | | | | 7,171,399 |
| | | | | | |
| | | | | 2,190 | |
| | | | | | |
| | | | | | 1,977,116 |
| Errere Compressib | | | | | |
| Roseric Courtraction | | | | | |
| Erersch and Development | 536,609 | 717.851 | 26,000 | 493 624 | 2.402.405 |
| | | | 36,418 | 796 966 | 1,052,533 |
| Related Pay | | | | | 1,000,00 |
| Otto | | | | | |
| Winking Capital (Revolung) Foods | | 15 493 | | | |

New Obligational Authority Fiscal 1959

| | Army | Navy | Ast Force | Office of Security of Defense | Tetal |
|-------------------------------------|-------------|-------------|------------|-------------------------------------|--------------|
| J. Military Forcered Costs | \$5,850,663 | \$5,315,403 | 9923,675 | 5 | \$10,055,646 |
| | | | | | |
| | | | | | 35,336,538 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | 20,000 | |
| | | | | | |
| Service Construction | 6.253 | 8,690 | 13.000 | | |
| | | | | | 2.144,998 |
| Vi Recent and Development | 499,790 | 821.285 | 543.089 | 679,600 | 2.752.965 |
| VII. DOD Emblohmen-Wide Acresto | | | 2,555 | | |
| Retood Fry | | | | 640,900 | 640,000 |
| | 274,999 | 38 625 | 2,555 | 42.997 | 571,657 |
| | | | | | |
| Tetal-New Obligatorial Availability | 9405,379 | 11.831.227 | 38 672.224 | 3,442,517 | 40,550,477 |
| | | | | | |
| Tetal-New Obligational Authority | 9238309 | 11.671,327 | 15 677.224 | 3.440,517 | 45.003.477 |
| | | | | | |

. All hery construction, scotter course

a Military personnel costs reduced from

Palerly Project

Authorized Funds

col ancesor of AMPON. He will re-

Marquardt to Acquire

AME Subsidiory

Congress Expected to Override Airport Aid Veto Early Next Year

By Katherine Johnson water Adventories had alleaded Watertee-Arctico packs except

Confused Thinking

E. Thomas Bernied, menuted

F-104 Hos Infrared Eve.

1955, 5145 million, Faral 1998, 5193

raffice sed 11.5 raffice to 7955.

. That "over the past two decades, more

Titan Handling

. That "new 600 military award facility

Northrop, Arma Near Merser Asceement Washneton-Muses of Northean

Carmichael Appointed Fairchild Officer

Nuclear Balloon Shot

Scheduled by AEC

Rid for Minuteman Assembly Submitted State Montes, Cald -Bell for at

United, Douglas Agree

On DC-7 Trade In





Farnborough

Missiles Show Refinements, No Giant Steps













1959 Farnborough

Black Knight Re-Entry Successful In First Australian Firing Effort

By John Tenstall London-British's Black Kright Inl-

the design, development, worselecture 5th wifees. A rainty of most coacy general metrics its assertate auchiliaces.

to achieve a height of 1,500 on ming

displication of the Asserters effort at The decrees to embed, on a nitel

could mulet a very latter satellite with

AMAZION WEEK, September 15, 1958

Norway Flight Emphasizes TAC Mobility

Sola, Namue-Fast moneton field North American F-100D Super

from Borne XR 900 tooken were Bentransper maned the Early to replace

Salara na a 6 a 10 mil nez atro Ballet

et Audmore AFR, Olds , which crossed Ligit AFB in the Assets, and Chi-

Hu wegen also depend out-a

which destroyed 1,000 opener amount





Rocket-Boosted Rodiosonde to Gother Weather Dato

As Bassach and Development Command in developmen probet bounder rediscrete descend on makes parties due to these absoluto her \$0 to referende which tills to: Proclute strikture and decreases influented influented and unit belowing weather shall be

ANATON WEEK Sustandor 12, 1920



Contributing to superb performance . . . the Dozelas DC-8 Artilises.

CHANDLER-EVANS - WEST HARTFORD 1. CONNECTICUT



PRINCIPAL OF WHILE OF WHITE PER CASE AND A T AND PROPERTY.



CANADAIR CL-28: the answer to the submarine menace

Summer, 1965—In correscoints attended by Sentor Air Force and Nary officers of Countin and the United States, Canada or CL-25's (abons) formelly intered spantoms service with Merrifine Air Command of the Bornel Canadian Air Force, CL-25's neurals

will used or surpose to technique und surpose to foreign und surpose to foreign countries. They go into surrors after larvag term subjected to exhauster and waves.

The Cauditi CLOB is the wolf's neveral long maps arraigness executing south ventured. Even inspired speciming by interest executing south ventured in Even in the property of a selection of the control of a selection in the control of a selection of the control of a selection of the control of the control

one arranti. Once contact is made, acquelone, depth bestles often offeniore respons are referred.

The Consider CL-26 is now as service with Conside's Mars Air Commissed and is in continuous greating production. If of any counter measurable increased announced considers.

O CANADAIR

- Amount - Guided Micros - Received and Development - Nucleor Engineering
CANADAM IS A SUBSIDIARY OF CENERAL SYNAMOS COMPONATION

for each group of eight lighten in account of one environment of one environment of eight part of the seal of the eight part of the eight

With a \$1,000 to full hand, lightneed almost \$3% of their feet on the long fig of the tray from Bossoulin I the Assets.

Your spaces sout thand to Clarkman had placed their fields with inword, very told it is fould mediag to they would have inflowed and actual found the exponents of no said of the fight. Boson of healthcad is it off-fight. Boson of healthcad is it off-pitch forces of healthcad is it off-pitch house of healthcad in it of possible would have done in

the fight. Excess of humbard as the stressions would have obserted the fight and possible sequend barbart exer the Recesse of the possible's, fights are short measured in held a slower C 5° Duckberts, 'ceruing House Informacial and copille all training softs 25° or 25 hours.

First Thora Duly second

**Eirst Thora Duly second

**Eirst Thora Duly second

To USAF in England
Depth The Bugland To Depth The referbased to England he work. March
non-righted her work. March
non-righted from the United States in
U.S. or Fester has, at Local-soft he
U.S. or Fester has, at Local-soft he
Depth EBM basedows has at 16th
Depth EBM basedows has at 16th
Depth EBM basedows has at 16th
Depth Bern and The States
Line Find The States
Depth Dep

There are the related to the verifical to England, but will reason under Union States of the Council State of the

Missile, Space Teams
Los Aggées-Donglis Ancrelt Cobants Mouse his seried caused of il markle and pages arbitrate souler are cheeser at the general office level arts Elicie P. O'Deabas, legence displayed metals capater heading the office as descrive.

tree amend these some diede of on governing and facts are director, and only the some of the some of the some of of their P Whather a director in your times of the some of the some profit fideral I Bother in director or the some of the some of the some director of the some of the of the some of the of the some of the some of of the some of the some of of the some of of the some of of the some of of the of of th

News Digest

believed to be the finite our rande lon whitele proposited to an arthorothous capate. Manquestly moving poucous fits 37 ft long X-7 dering this flight near or our which was altertude record for surepet remailer.

Possible strike in: Entire Are Enter-

is which new in fact to strike under attention possessions oppose to the executing of Okongun Belicopter George, Consist. Inc. metrod in France, Randow, VIGH, then metrodelized by the shoot VIGH, then metrodelized by the shoot

her beeingh Ar Show for hing. The Mortes Co 's Orlendo Docume for his hour numbed in \$2.435.447 qualitation for his Nov. for the 15,600 hours on the control model. Mortes.

Namber of sum reclaims in the contract was not received as Booling \$-93 benders well by opening orthogon forward supportant

If nation the ANA/ISSN, to supplement operant tall warming and bond on the color of the color of the color of the Light Milstin Electronic Deport is Light Milstin Electronic Deport is select of Garned Pactor under a tention from Weight Air Desclopment Control.



First Basedo C1966 counts from Lockbord brager to Mendia, Gr. Hennile for 4001 no. map, weply 191,000 is, a powered by fore-blokel 193 in Henniley-Standard S4850 led-transic projector (4W May 15 y 75) and a top-blo of 355 mpl. from in specif

es to the Ser Pouce beginning in December

AIR TRANSPORT

PanAm, National Draft Stock, Lease Plan

Unprecedented program could make National first domestic let carrier if the CAB gives approval.

Be L. L. Dets New York-An unprecedented three-

American Publishes Trial Let Schedules

AVEXTION WEEK, September 15, 1958

Extended 707 Tests Ease Dispute

 Los Asselm-Cheurs-Thru boun Chicago-San Francisco-Four boun.

*San Francisco-New York, with a

Added Charter Bights

Awarded Foreign Lines

CAB Opposes Plan to Adopt Surcharges for Jet Services

By Robert H. Cook.

Seath American Issue

Lewer Operating Costs

Baltimore Proposal Opposed by Airlines

Soviets Push for U.S. Bilateral Invitation

Br L. L. Dote



British European Airways' Camet 3B Builds Encours Airway Court 16 is compared with thread increase and has 100 pouroget expects. The de Merchard 18 is business or



ROLLS-ROYCE DEVELOPMENTS

Jet Engine Noise Suppression

ing devices since 1950, and have accumulated a wealth of

Correct 6, achieve a reduction of five depictes in the norse level of this eiroraft with a penalty of less than one per cent is oversit performance, and have accumulated more than seven thousand hours in flight in Comets alone. With these excises

fitted, the Cornet 4 is puictor in operation than contemporary Rolls-Royce are also developing noise suppressing nozzles for the Beeles 207-420, newcook by four Bells-Boson Corners

-another technical advance in

ROLLS-ROYCE GAS TURBINES

by-pean turbo reta.

AUGO ENGINES - MOTOR CARS - MISSE AND SASSURE INCOME - BOCKET MOTORS - MUCINA PROPULSING

AVIATION WEEK, Suptember 15, 1936



Eastern's Electros Near Delivery

GREATER PROFIT POTENTIAL FOR SHORT-SECTOR, HIGH-FREQUENCY ROUTES



Low operating costs... best of any postwer attends in this category.... designed for low heele-even load factors on local service operations.

practing to only worstware the part wit accommonsts of to on practing the state of the part of the part of the state of the opphase of the part of the part of the part of the state of the part of

554 jet-props... sanarpassed for economy, case of examination, length of overhead sycle (TCA reports 3505 hours, test engines to 2000), ...
300 mph at 10,007.
Fort intermediate servicies and temporal have economic... CES counts

up to the title-tens sected votocit reliants and with a military in ground handling, integril, hybrida little-populated statum, and, simultureous award-off leading of passages on left, freight an right; left App gravity for level savine section seek the ances they serve, faster schedules and modern polycop component mean new bosmous traffic and societated, section the law of Local Service. Visionatal in tentile and societated section in the Chaul Service. Visionatal in

Adequate to above future payload increases For information, control Christopher Christon, II S.

NEWST FROM THE WORLD LEADER IN STREET,

VIGKERS SERVICE VISCOUNT

SHORTLINES

Alleghaus Aubust' August traille son to a courpers high of 49 '90' procengation of 5 '00' building same garge from 5 '5 '00' building same garge from the country of the surface of the same and th

generacy milks during list be 20 3976 decisions below the same period of 15°C. The control of

days Tradays and Sundays on the new step for ordered half bear service. It Venezach: The flights stell states of Ministellor 15 30 pm; Cornest of TS ym. All tenes are local. P.New York: Acres or cornel. 11,14 manufacture. I daniel. Exhibit 1. Con-

* Dantes Kinglie Alfrays 's plosting 1 we note from Mellionine to Thy via Archael New Perleta in composisist Pita Austream World Arrivas and Connelling Feelth Andrew which oper do to the U.S. in New Zooland * Som Foregroup Public Utilities Conmoview has approach a contract with

Tree Week Action for approximate 50 miles for approximate 50 miles passego rafe in the desired and resident August for the formation of the first passego for the hoggest much in the first passego for the hoggest much in

AIRLINE OBSERVER

Fundamental state of the state

 Lockhood Alexalt Service-International has been nameded a \$3.5 million restant for the waternace, o-chand and modification of Military Air Transport Service aircraft and belongers.

structure when yet fixed an institutent by the air transport factories. Only two compressions and Versions—have the various qualitate at the full growing relations and Versions—have the various magnitude at the full grown for his term of the consistent for takes are so in the grown for the consistence produced for the consistence produced. Our 40 state finghister before construct each week yet may be so use to produce the consistence with the version for his part of the sole over all the mass may much force connection without the connection of the connection note.

Analysis Confidencing, Office and the Construction Confidencing of Wallangton and the Act Tradic Control No. Decrease Devices and the property of the No. of the Processing of the No. of the Processing of the No. of the N

▶ Spar. All Lines is stocking control stated places such as the Beither Parts Restrictor to openic between document (Taiso and This Lines International August. Load stock on the ensurin plants to openic record flowed by the property of the bars been record up to 1903 from the august 1905 taignt that.
▶ International Act Transact Anno traffic conference beginning Sept. 23 in

comment of most time are more to the confidence of the first the size time to the state of the first time to the size of the first time to the confidence of the shift persons of the shift person as the salari most consistent are that the lens that of the shift person as the salari person of the shift pers

Spitt among the selectional convers at to which severed will be used in sectual for two cal reson and those appears to be taked chance of reaching the difference on the near twine. The cube schedeled selection remains at the Wilson Res Amport has appropulsed intermediated to stre these deeps that Autocora Allectors cancer. Detruit Metapolitics is also served to be a develope and FAMC.

notes during the November-Manch winter travel sensor energoned to the same period last year. British scheduling plans of larger names militain the foremer name be as surch as 10%.



The Business of

The Army's H-23D "Beven" mosts that much mapper requirement Versatile Helicopters...

> Hiller hot now epubed a new 205 by engine to the besig-H-230 ship The resulting 198 erroroft -- the most powerful in the two to four place store - we appeared to contain a

HILLER AIRCRAFT CORPORATION PALO ALTO, CALIFORNIA

Airline Traffic - July, 1958

| | Estatus Pescengara | Personal Personal Basic Genti | Land Poster % | E, S, Male | Depress | Profighe | Total Retrorge Tax-Miles | Error Aved Teach |
|---|--|--|--|--|--|---|---|---|
| Bearson HEWE Amelian Desill Copilal Codesnell Falls Indian Mallacel Surfaced Surfaced | 615, 163 165, 214 232, 172 78, 662 216, 662 637, 077 112, 166 53, 662 53, 662 | 287,354 272,347 124,200 18,270 106,815 140,135 46,901 107,860 115,872 | 46.4 55.7 67.4 55.3 26.33 26.33 27.4 55.3 27.4 55.3 27.4 55.3 | 1,479,291 207,350 208,447 153,201 204,574 173,740 128,429 43,375 107,986 1,177,311 | 746,699 196,698 264,394 37,816 366,191 431,561 41,609 36,198 86,198 | F, 464, past 342, 279 347 231 785 801 783 287 1,314, 338 444 808 55 818 772 879 | 89,790,402 7,881,226 12,360,201 1,141,677 11,080,193 32,473,650 7,173,667 13,000,756 | 20 0 X X 40 1 X |
| Draw Made Entrel Nation | 284.788 911,663 179,679 | 387 470 464 235 60, 546 | 48 5 48 6 50 8 | 1,137,311 2,158.584 115,320 | 373-117 837,438 74,746 | 5,996,116 5,165,916 194,673 | 38 000 749 79,400 US 6,507 405 | # 1 10 10 |
| PETERARIONAL American Free III Goddenan d.Banila Exile Lacine Maskey Anticosi | 11,418 4,207 20,977 1,013 44,173 8,772 8,887 | 10, 477 8,699 1, 472 5,748 60,967 2,937 6,379 | 18 8 10 9 40 18 20 0 45 18 41 0 42 0 | 1,70 15,333 1,337 7,548 91,793 1,348 | 436 436 3,814 17,319 | 374, 367 104, 168 3, 238 35, 753 367, 963 1, 770 47, 367 | 1,015,106 1,004,339 166,379 677,866 6,673,613 301,340 724,547 | 27 64 65 65 65 66 |
| Nothwell For American Allegian Allegia Allegia Latin American People People | 4,000 124,798 115,594 31,375 15,127 | 4,710 4,723 10,579 10,157 11,723 | # 7 # 1 # 1 # 1 | 1,076 316 25 125 1,167,207 260,67 1,666,612 77,622 | 17 219 | 1,109,799 103,484 2,379,483 4,684,176 1,864,333 480,233 | 6,003,177 164,408 22 409,060 14,551,400 12,742,673 1,415,712 | 200 |
| Boost Tona Caribbean Tonas World Marian Ballan | 7,174 40,237 208 11,754 1,048 | 10,304 114,386 67 27,005 1,633 | 99 2 91 1 97 2 97 2 11 5 | 1,009,403 | | 7,642 964 77,431 739,004 713 118,416 1,043 | 2,600,000 1,600,011 13,725,000 6,125 2,959,600 161,710 | 24 61 61 61 |
| OPEAL SERVICE Afficiency Floracer Control Local Control Afficiant Healt Control Count Count Florace | 10, 494 14, 870 18, 661 18, 714 13, 905 12, 814 13, 617 13, 617 13, 617 12, 614 18, 117 23, 604 | 1,150 1,300 1,400 6,179 1,160 7,004 10,140 6,400 7,160 7,160 1,170 4,600 4,007 | ## 6 ## 4 ## 4 ## 4 ## 4 ## 2 ## 2 ## 1 ## 2 ## 1 ## 2 ## 1 ## 2 ## 2 | 10, (71 5, 99 14, 854 5, 479 23, 745 7, 613 11, (81 14, 82) 7, 777 11, (81 4, (82) | 18,643 2,947 3,164 7,327 10,614 14,622 33,412 17,124 4,104 1,224 1,224 1,224 1,224 1,224 1,224 | 10, 989 7, 503 6,000 80,948 13,109 15,164 13,450 8,168 8,108 | 638.461 308.118 301.646 571,680 331.645 781,380 3,109.871 806.661 333.360 347,472 287,472 287,473 400,428 | 44 40 30 47 40 40 40 40 40 40 40 40 40 40 40 40 40 |
| Hannellen Trans Pacific | 49,183 22,173 | 15,0x3 3,10x | 75.7 60.4 | 4,000 728 | | 7,794 | 1,000,700 | 6 |
| AASSCO LASS AASSCO As evine faci Americana Sulva View | 19,419 | 20,314 | | 8,667 83,199 | 11,794 | 2 746,148 719 958 7,071,728 | 3,783,699 713 558 13 567,434 | 77 |
| Frieds Consolis International Endound I Numbers* | 2.786 | 10,894 | | 19,398 | 34,738 | 1,515.638 503,199 67,739 | 1,344,727 883,398 h 566 Yes | 72 |
| MILIOSPEE LINES Dileage Mellephe See Angeles Accept New Test Aboveys | 7,330 3,665 9,992 | 174 173 148 | 21.2 | 1,000 4,000 1,400 | 1,59 | 440 | 16,687 16 796 16,726 | 20 |
| Alache Ar Tree Alache Couried Condres Iffe Nurhous Concelledad Feelby Suchen Lesson Alache Lesson Alaches Lesson Alaches | 5,718 6,702 1,167 7,993 2,992 14,301 | 4,046 293 393 399 839 839 14,003 | 61 0 27 7 27 67 31 1 63 5 | 24,570 3,791 3,630 1,630 83,714 67,603 | 5,431 | 228, 701 5, 148 28, 747 3, 154 37, 543 308, 807 | 871, 071 69 338 62 136 64 613 363 307 1,136,673 | 200 20 20 |
| Was Abelia | 6,000 | 2,175 | 30.5 | 34,104 | | 101,470 | 661,637 | 27 |

AVERTION WEEK, Suprendor 15, 1959.



WORLD'S DESIGNERS

SPECIFY ORPHEUS POWER in fighters, strike aircraft, executive transports, and trainers



Orphous-powered Jester girquite the States on

The cerrent Orohous 3 is rated at

Descriptors Orpheus 5 Length 23 5 in Denneter 32 4 in.

Bristol Siddeley



Subsonic Snark Adds Effectiveness to



y Randl Hawker apies-Nathray SM-C. receptorals resecuted

Lie Anglien-Norderg SMAD.

In the Comment of Comment of

ATION WEEK Seminature 18, 70



SAC Forces

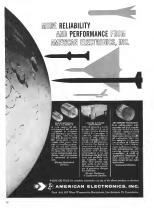
arths, he only strategy at tagger and the series of the se

AVATION WITH Security 15, 177

his much to committed and prologo. Sonce marriers of U. S. most to passions recent in a restallable. Newfreign that of admitted me a real warrant following the restallable of proceedings and processing of flower such our as excess tracking calless. Cerned Currellab behaviory facilities of Cerned Currellab behaviory facilities on the committee of declarate with approach statement of the committee of the committe

mere in the "ethodoug from our revolution," and an in the territoria of defense verboat melding light we they for the control of the control





Stretegie Analysis



You Get MORE POWER-Less Weight with the New

CHERRY G-85 Lockbolt Gun The new Cherry G-55 lockbolt gap and Development decertment has simplified regged construction as efficiency of installing lackbuilts."

with the lightweight gan, because

Townsend Company





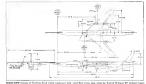
Spotting and dedress bendwards, ridges time- provide paperat provinces, savines of processes in saving tailwinds, are easy new for both the military fael, a prioriess margin of article

RADAN assignment are members of the formed. assignble to exerving RADIAN systems provide relatory relate with





olish successful mission: To the credital pilot, they green, records consider recorded, removals, a v







3.

remarkstared more arborne compressors than all other makes combined — is feet, of all avcraft carrying compressors, 98 % use Cornelan.

Engineers who sportly their still us the reason is clear. Convolves compresses shore what is allow differently only polynomicary with Model for audio, they are the smallest, lightest and cooler reasons of say mode. Consistent compress per you, a choose of Trythaulic, AC, DC, or especial store. Some models with your by it possels compress with consist. They will deleter from 8.5 to 18 SCTM at pressure up to 3000 PSR, lassages a list in segon of streets will deleter.

For complete information countries Cornelius exteing or distress your requirements with a Cornelius





"Theretough they bet M of the N Offices Commiss responses contribuConstint.

WHEN IT COMES TO COMPRESSORS ... THERE IS NO SUBSTITUTE FOR EXPERIENCE THE IS NO SUBSTITUTE FOR EXPERIENCE

tous vecapons until often care of Errap, to multium or. The world is solid of growing architect capica reclets could reduce this fireshy regard that could

has been always offerals suggest that each organic are shought his challes. Such are also bett an exercity of speak the challes of the challe

per month. Numbrais is now comparing the detrastic while of disposal and "harden for the control of the control of the of U.S. expenditure to the strong period pain the MCGAC official. Bostlaterizing results of warm the tools become provide a warm to be a become provide a sea of the period furtification with row and concent to force the cowers. In one of large properties which the control of the comparing probability of source; a close comparing probability of source; a close comparing probability of source; a close comparing the control of the control to the control of the control of the transfer probability to the control of the strategies of the control of the control of the strategies of the control of the strategies of the control of the control of the strategies of the control of the control of the strategies of the control of the control of the strategies of the control of the control of the strategies of the control of the strategies of the control of t

parson sell dove some adversage; visite et depend en a compresente le tracer dispersal au compresente le tracer dispersal soul hardenage. Wal mensionig let auseine of Soulds situated et a geen site uniter il participate personnel. Notithing tableshipes and one that Sould, ou concountille harden seed on medit made Sould, ou concountille harden seed on medit made Sould. Ou concountille harden seed on medit made site.

Economical Shiribartica.

Economical distribution
Abort commercial detribution as easied to be two mendes per vite. I allow some sharing of personnel.

others usee charge of provinced incigonal dequarts. Seen them to a good of the charge of the charge of the many speed and 60° hely reverts are stay points to the ori of \$55.00°, as to tempt to the veged out 15 50°C, as to tempt to the veged out 15 50°C, as to charge for \$45.00°C, and to the charge of \$45.00°C, and the the charge AND THE COLUMN TO THE COLUMN T

NEW "RUGGEDIZED" BENDIX OXYGEN CONVERTERS

next MLL-E-20272, Procedure I, effection requirements and backerson:

and Laters of Benefit's new hoyel that an adjustment of the company of

type (Savar users wichtend Proceiver I memore und cyling celler I memore und cyling (Savar I memore und cyling as specified by MIL-5-272, Section III) Managare, the compose convenient resign him that 73 per cent of the veryel of the VIII of the Cyling of the cyling of the Cyling of the Cyling data. The felting productions Childre driving format models (A), and Childre driving format models (A).



Pioneer Central Division





Air transportability was nour a po-

at are offered a difficult thank to

mediately. When the routh equip-



Here's how General Electric solved Secreta Thomason Products, Inc., west sets action At 11-00 AM

DENSITAL BLACKING COMPANY Company. Processes is Our Most Important Product

GENERAL M ELECTRIC



Nove than 2 willing Cardina Section Ponel

Snork Ceetrel

a climb to a horber abroule for final from the torget, the stellor-mertal turned. When this is established the

Book Commonds

ADVANTAGES OF THE **NEW REVERE** FLOWMETER SYSTEMS

1. And distant 1920 spx reception. Common Output Amphibuse of

3. Soly 2 5 PR Honoram Passers A + 1.6% Streets/free Aggrees

5. Sate indicates—first flow— G. fameds -392'F is +300'F

Figh Signal Fa-Nales Kaffe. 9. Signal fed Directy to Remark

400 cm, reminstrate meltinds 2 fourbiles

SPECIFICATIONS of Streeted Transmitter 3-08 13-30 30-30 30-400 1-1-00 32-300 14-02 53-00



A SUBSIDIARY OF NETTUNE METS COMPANY



CANLOC FASTINER COSP. - 22 SPRING VALLEY RD., PARAMUR, N. J.

or gorket material

ANATION WEEK Separator 15, 1938



the Bendix

Decce Aree-Coverage Navigation System . . . morndes ell essential recurrements for en trotto cantral.

na etitude livington,

· Interests appeared and departure paths are

@ Provinc outdones for habitan or meth-stretchies. · Complete povioational recurity for belicopters.



reduce outen stable platform and supplytures control pathon to force

WARDN WILK September 18, 1991

Belon lough bening and support

now. It compute of a 1,000 pers. He or

advanced injectors



Rugged, Reliable Long, Long life Higher capacity No dead break



extreme small size...may be canced

in minimum space

2½ million cycles longer electrical life than switches twice its size

no dead brenk-perfect for super sensitive applications high repeatability-only one moving

consistent, close-tolerance mounting-in single or ganged set-ups

rugged, durable high temperature and impact resistant case

wide range standard actuators available in leafs, toggles, pushbuttons, etc. super long life model available with lamted overtravel



WHITE FOR MORE OUTA

ELECTROBNAP GORPORATION
EWITCH DIVISION
4222 W. Sales Street Change 24, Binels
TELEPORE VAN MEMORY 6,3100
YES NO 101 (449)

cognes is run up to full rabbins poses:

Lausch ted shiphort events event
is this toputter:

*X + 0 sec - Econom ignition. Lausch to
Legiss

*X + 4 sec - Evo Bourten superity
[Intuition operation code:

*X + 15 sec - Heading control loop
is of door door superity greaters.

presents operation cents of the property of the second and wayed specture loop finds of the second and wayed specture loop finds of the second and second

trill passes compare Cents in frill power and constant sugact pervar continues.

• Made control u satisfebel when chesh impact passes and constrained Made resident consider.

Structural Design.

Structural Design

Showther of SM GA Sank is signed seconding to furth concent worth? processor. Freedings is a foliog, som necessorage travelare insis long-ton necessorage travelare insis long-tonial direction work free straveled alternation long which are topered at both cost of controls graited strength in the controls graited strength in the

contrale garagest energing in the air near sease securities long-tailmed netbers are extraded alternature strangquord on only the sease of the sease of hirmal flooding enteriors are fractive. The latest flooding enteriors are fractive than the sease of the sease of the sease that me are forced of alternative flooding are forced in the distriction flooding are the critical where procedured flooding perlarly historia, are heavy and are above to separate susteps first effect. Franchiscotic procedures are seased in the sease of the transport of the sease of the sease of the transport of the sease of the sease of the transport of the sease of

don is an experient pert of the beautig structure and in most play in rande of their information. I much are used for external free press and houser or manabend of an used retreatible.

Wies Depley

Shoulder load manufact Stack was a way head, 47 day as the rahand actions. Outloand fording edge for actual of 2.5 days. In the not be cruiter loss. Extension false took unto the way fast lace of the tay course average or estimate farther in the should of 2.5 days are the unit whom direction. The way fast lace is the subset of significant course from the state of the

Northern engages to split the donothern to a red bredge and rethern though common belong rethern great. Each elected has an auasyation with discounter 15, 1959. If sq. th reduids in the two pinks in death research before the diff. If a short list diet. It is neglected in the section of the diff. If a short list diet. It is neglected in the section of the diff. If a short list diet is not distributed to the medical source list. Then wing no effected source list. American of the digit is the section of viring meanted cultural field to an Medi time the self-section of viring meanted cultural field.

JS7 Thrust Axis

VAPOR HEATING

leg Diough a flesh scoop hearted an each lag. vide of the foodings with a phasem chamber around the cupue and out freeigh on nitrollar apparate formed to the turgen trippe, and the finding latener same from latener same from the Lagrangian of a carplant line as lag. Laboratory of a carplant line as

FOR RELIABLE, PRECISION PERFORMANCE IN SURFACE TEMPERATURE SENSING

VAP-AIR MERCURY TUBE THERMOSTATS

Control Service and State. It is in the "With Trajlation Coate Fit with a produced in the service and in control coate of the Coate of

EVENTING ENGINEERING AND TAIR MR response on open aline in developing and appliency countries open after the extension of the experimental and applied to the engineering energy to delegation.

Sentes There is a live thi

It cane thinks ... warns . . .



one of the electronic wonders of the age. The

speed, and set in motion the necessary defense agnoratus RCA arknowledges its treorendous responsibility as prime contractor for the dearen and defense and so effective as an instrument for peace.





Towing of the dual femiles of Continuental development is the TEIGH. Switchmannied, protein ger turinte community and sudmise for steeles lives at argine and ground check-but of six steelshooms else he used for other payment such as commend of up and sawer evention mebility, bow notes, and a completely extremely control

CONTINENTAL AVIATION & ENGINEESIN

DESCRIPTION OF ADDRESS OF THE PARTY OF THE P



One Pound Lighter— 10 Miles Farther

The problem is—how do you get them lighter?

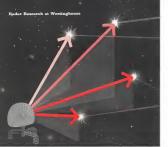
The mindite must recept rule of themby agree recent plants for them. I may be recept them to the first them. I may be recept them to the recept th

metting Gype (MIDI) weight only 5 octoor. The grace of politics were to consider the grace of th









To get a "3D Fix" with a single radar

WESTINGHOUSE MILITARY SYSTEMS

revenus sunt arm Westinghouse



604-A Wester Street * Phone Blair 2-8001

Tax trend reversed in Duval



County JACKSONVILLE

secondinied by the addition of \$14,000,000 to tax role through

public services it exemplifies a coneral benefits of Floreda's excellent

Write today for THE JACK-SONVILLE TAX FORDER.

Nike Herculer Site

New Loading Reduces Missile Firing Time Pottstown, Par-Nissaupplin Heart



cutting costs from the very first day of installation. With over 4000 tunes of costers and wheels requirements

BERE IS INFORMATION

AND HOW TO SELECT THEM





the exact model to meet your



Asiation Week Pilot Reports

F-27 Shows Power, Short Field Capability 275 500 uph, depending on ragine tour later than

Margadowa, Md -Power Birth than-. Hut was Set last us the foulers. a Short-field employees their assert

CHART obest to bond on E.Ds. 4/511 corner and internal tool of LSSS palmuch speed of the U-27 at 20,000-ft. With fiel county, boosted to 1,000 at

ANADON WEEK Sevendor 15, 1919

in Evaluation DATAFIED could not advantation of \$107 Idday Note posed menabel govern lever to right of protes, and Brades

AERONAUTICAL ENGINEERING





Margin for Error . . . None!

has every min your food approach. At precisely the right out not the Landour Natural Officer flam you to out your power-and you're abound! It Such shill and cularies. The bearings in modern jos incluses, for testures, most he beld to presents televances measured as millionite of an each. That's who the leading ligh guality and queries provision after Never bearings to sered quickly table



BOWER

execut for numbers on the property.

Flectronics Engineers:

HELP WRITE THE BOOK AT DYAN Byen a work in electronics to so

an impro----raging Engineers ---- Income Seeigners

RYAN SAPAN



millitury and transport except. It is builtly do-

a rangle smaller and saveing space and breight

Complete information on all the above systerm is a walkfully on request.

PACITRON Skinsweds now offers the powert eddition to its

unit le biggest

Simmonds ARROGESSORIES, INC. Proofs O'Norm Substitution - Sergins, Chies - Verbrington D. C. - Online Scans Worker School - Schooline Collection - Serfin, Westerlights - Sale Connection Communi-

A Down-To-Earth Look At Today's Missile Picture

NOW that countined whether on becaring a widte and emduction

equipped and staffed than Frushauf to do so.

needs. Proclacel research, engineering, and magnifecturing knowledge as being utilized profitably by the services and other contamnars. Here

· Ground handling equipment . Your for testing equipment . Missile burebers . Guidance shelters for missiles. . Shelters for electropic and

. Reach terrain profess . Specialized task-tradets for favio . A total of over 400 different types of entency vehicles



ERUFHANK MISSILE PRODUCTS DIVISION 10847 Samer Branco Bassalt 12. Made in Chil Saudi Saule Los Annales has right

extensive (neclaber a

F-27 with R.Da.6 Engines Summary of Operation Costs (S) per Flight

349.79

156.00 1,750,77

154,745 80 144,000 00 104,005 00 154,005 00 154,548 80 143,841.00

notenessable seems becomes

probble in these snut, look

the collect and conditions to



SOLUTION

In oddition to offering an extensive line good on Bordag's new 707 Stretcheer some of the more difficult compresses problems that were presented by this

PROBLEM



GLIME and below consistent of ETT. With R.Ds. 7/525 angines, politing \$4,400 aper, at no local, rate of clinib or \$790 fpcs

F-27 Specifications

Perser Inadea

AVERTION WHEE, Southerley 15, 1955

stures 120C and 140C.

Two Rolls Roses & Do. 6 Dark







Contact Mr. Bobert Burn, Personnel Menager, in confidence.

| blower use | arteen mad speker drivi Free conception | - 10- | | cer, Waterina | |
|------------|--|----------------------|----------------------|---------------|---|
| OFFICE | | NEW JERSEY OFFICE | HISTORY. | WESTERN | |
| | | | A description of the | | _ |

not send and the first partially facted to 13 deg. As power was app the 1-27 quality seedensight to 110 AVAIDS WITE Seatensian 18, 1888.

argorithm the break-in radioated in the

on both was solved to 30 400 rain

200,000 applications of pressure fail to shake this gauge's accuracy!



This is the endants Under Sequent Throat which under the 1340 Laders Hall Procus Gear capable of not breathing order



THE REAL PROPERTY.

You can scratch cycling endurance problems from your high pressure gauge beadache list with RMC-Lindsay High Pressure Gauges

Specimen results for the extension operation of age arenth and among account systems, they arene or whoshly delibered from writtening process, colored and account of the account of the account of the account of advantage, the rate of delibered and the account of the account of the colalization of the colored account of the account of the account of the colarization of the colored account of the account of the account of the account of the delibered account of the account of the

| not rightion in Engages Con. I the \$150, bester P | more to write to | gallook I, kindelf g 3 Sahatan Ca. 1555 Kuntar Brain San Province (NR) | |
|--|--|--|--|
| near tell a lateral lines of a lateral lines | a ment Admir Michigal I Mark American Ant. 227 Marine Pala Breed Radderfall Hare Jersey | Mar J. (2000) 21 (2) Balance Blad, 21 (2011) Fig. | |
| after 90ta 6 Section 9 Saylon 3 House of Steel | William BURT Rose Solve Co. Wat Washingt Stud. Los Apprins ST. Evill | THE CAN DIAM HERE. NAMED AND ASSESSED | |
| CONTRA NOS CO., MC. 545 School Street | GEORGE SWICH | | |
| I'm a HOUSE | I hav blind firms? New York 17 they have | BON W. BRANK | |
| Per At HEADER | ADDRESS OF STREET | SCHOOL SERVER DA. SCHOOL SERVER DA. SCHOOL SERVER | |

BODHSTER MFG. CO. OF CASPORNIA 19 Forger Flore, Pennises, Colfessia BOCHSTER MANAPACTURING CO., INC. 23 Audiosed Seni, Sabbido 19 N. F.

CINDSAY PRESSURE GAUGES



ACCUMANTICAL DIVISION

Transducer Diresion (a) 300 North Sterre Modre Villa, Pesadone, Caldonia



Consolidated Electrodynamics



the fixed precision sheet metal, upholitery and

ArResewich has restailed custom ofference and ArBesensch designs and health consplete car-



AiResearch Aviation Service Division

Connector and Medification + Control Stretcher + Shorted and Sectionary + Bodie and Section + Segmenting Service - Security Service



DETECTORS Salarant annual arrives and assenteles in labricating silv by enduling





A MATERIAL PROPERTY.



FLIGHT CONTROLS SPECIALISTS

You will guide the development of moreal and outewords Shake controls for blob restaurance VTOL int mir. Castrol Systems, Flight Instrumertyles. Test Ecoloing Mensol Flight Control

Regionality Englsyment Separation.

Today's air power in action:"



Carrier-based pocket bomber packs a nuclear punch

So compact that it serves about carriers without is the Navy's newest and most canable light attack Skyfarek has the lost landing speeds required for

extrier operation, and combines the lift needed to propined for its use at erest distances. Its small size. speed and responsiveness make the Skyhawk an extremely difficult target for enemy intercenture

or anti-supersit. Numbers of Dourles Skylasyks are on active duty with U.S. carrier units now covaced in notcolling assertive areas amond the world. They are in service for both the Navy and

Depend on



Think small

Mechanical beams for moreles ment be an of solid state circuity, systematic design and tough and tany or possible ... a design rephlem that colls for americ skilled in both digital computer module until it's the sue

compositistic terting. Assert is producing a

ministrate classical computers, contact appear.

AMERICAN ROSCH ARMA CORPORATION



Proched his producted a market



F-27 Performance Level flight mars events supposed, 13,000 cpm, of 20,000 ft. Effective come (15 700 th. or tubeof with 45 min feel macras)

Taked field leigh passeter gen neith

(Data based on \$10x 7 VB 525 engines, demonstration might of \$4.000 lb.)

girrraft then any other WHITE POR CATELO 20 New York Ave., Westiney,



An menufacturing meet a men who pets results

Barbequing steaks, manufacturing weapons... he's determined to deliver quality products

The entire Manufacturing Department directed by Mr. Carban is exceed to



Air Conditioning 1,320 and final casped in the outer both is fight and in the extend l'aider varsing aven fifter traits on ton

1.27 is smoothed on States hunder

never as send rister appears shifting overse as energiand by the betterning ergs respectively. There is desired

other of two distributes, single-phase

The Executive hotel of New York AVIATION

the famed Wine's Clab-

'round air oned floring, too MADISON ANDUS AS ASAS SERVE REALTY HOTELS, No.

SERVICE FROM FRANKFURT **EAST AFRICA**



fa.htht.htc:#325 s ETHIOPIAN AIDLINES Course Agreem Dated Statement Spream TWA



Convair 600 Structure Parallels 880's





San Diego-Cong beyond todo's sc. 74ST for tennor-loaded structure

AVAILON WIDL September 15, 1938



CONTAIN AND control recording (Art) alones engine upon limite, they and elevater trans which on forward part of periods, market redu

addition to the correct section, while



AVAILEN WEEK Sentember 15, 1958



Three-axis control at all speeds and altitudes



Honeywell H Multary Produtts Group



AVAITON WEEK Seammer 15, 1956

manhandling the "Hustler" demands instant control response

... PACIFIC REGULATORS maintain constant cable tension for precise control under ALL conditions! celege the problem of interacting settled confinence desired

tains protous an abstance by high speed carrains and the increases performance fermed of This is adopt entirely a survival to all cases cable in intermedially supported on advanced performance metric in ad-ing Control's new B 25 Station.

PACIFIC SCIENTIFIC CO.



NOW BEING DELIVERED-JET POWERED ELECTRA

The first prop-jet Lockheed Electras are being delivered this month for echadular remice before Christmas, Fourteen leading airlines throughout the world will insugurate a new era of jet age service, performance and economy with the Electra in the months ahead. More than just a "new" airplane, the Electra offers your travelers a unique flying experience known as:

ELECTRA/FLIGHT

Astronos de Mestes - America Arbaic - Anaxi J.ANA al Amerika - Brandi America - Calver-Facile Astrono.

ELECTRA/FLIGHT herps you on schodule! Your contonues can depend on Electra/Flights for on-time departures because the reliable Electra has complete "altitude flexibility" ranging from 5.000 to 25.000 feet. It can the under or over the weather or traffic convention.



ELECTRA/FLIGHT often ner enjoyment Vibration-free, at power confestable west- or read with and pleasant on unjet Flectra/Flights.



pecture window passentia. The ency walking is the side, and



bearing in the walk and floor

DESCRIPTIONS saves time, in the air and on the pround Firetry along at simpet 7 miles a minute Decrease the scent less time "strupped in" on an Electra/Flight. Javo

\$2 menutes, thanks to new Lockheed servicing procedures

PLECTRA/PLIGHT permits service to more aleports! Swift in the six, author on the ground, ties, too It can serve over 1500 of saday's asports



LOCKHEED **ELECTRA**

The finest cristo-cris jet powered airliner designed to assure you maximum orturn on

. come your of none

Temco



Solving Spaceflight Problems with Reinforced Plastics and Metal Bonding Canabilities

Wine sections of Tempt's pen TT 1 "Pints" jet

need is today's challenge at.

New research and development projects now 800°F), high temperature resin glass laminates studies in anothermalchemistry. Extensive

Arms's "Hawk" masile, design of the B 58 "Hustler" alt fuselage and other advanced

Advancement in heat resistant materials is an



tellomerations extraorists area



MANUFACTURER has immediate opening for EXPORT MANAGER

Nuclians experience in heading



choice of conductors

Tourie Strangth - "cladding" toda-pages recogli the combination of two

Technical Days on unralated worse and

KEX CORPORATION WEST ACTON, MASS. - 000most 1-7725 bundered Nove & Cobbs - Mill race Ware



et engine



THAT PROTECT YOU AGAINST OBSOLESCENCE BUT ARE LOW IN INITIAL COST CONTACT

MAXIM





The radder also accessorates a 100

Contemplated, effer studies were

redden illewant models to contact

APLATION WITH Teamster 15 1959

some sail rates at higher speed in the increasable feature of the mechanism

roll it out...

hook it up ...

turn it on...

Nelson MC-1 nortable heater is own contileting maters, tarned on heated or ventilating air where flight ... onother example of the leaderalup of Herman Nelson Products

contribution field can be not to work on your problem.

Defense Establishment Eurywikere



COMPANY, 940









THE THERMIX CORPORATION THE AEROTHERM CORPORATION



control to the never seet where drags - evols, returning control to the recutal

600 Thrust Reverser

AIRBORNE OXYGEN VALVES

TWO IMPORTANT COMPONENTS FOR AIRCRAFT OXYGEN SYSTEMS DESIGNED ESPECIALLY FOR AIRLINERS AND EXECUTIVE AIRCRAFT





USHT OPERATING TOROUS STER GAUGE GUARD

Send For Intercention









North American Aviation SAVES \$100,000 Yearly

will be proceed the the compete

fine Threath wently semenabe...

Nurth Assenses Avotton, Inc., her The Condo costinuous printer seon plans annearmed paper, office un-

clear copies from all types of original HALOD XIROX INC., 55-103X Heled

HALOID XEROX

Hedraulic Systems







MAGNET ALTERNATORS AND INVERTERS





OPERATION DEEP-FREEZE

THE IRODIINIS GOES INTO THE CLIMATIC HANGAR EGLIN

FIFIN



Before the Army puts its find starsp of approval on the Broquols, it a belieupter. But the Bell HU-LA turbuse powered helicopter was

One of the hard-dated Army tests the Iroqueis is being subjected to is the cold chamber test conducted at Eglin Air Force State Here it will be put into the chrestic hanger and its performance checked. under simulated operating conditions ... in the deep freeze of -45°F. After complete tests and evaluations have been made, the Iroquois will then go to Aluska for agenal arctic testing.

stability tests .. tests under risculpted battle conditions .. logistic as a front-line vehicle. Proof again that the Army gets what it asks for .. equipment "above the best."





ELECTRO-MECHANICAL ELECTRONIC ENGINEERS

A BS or advanced floresce in enables was for a rescriber. ats and Design, Mount and

NORTH AMERICAN AVIATION INC

SPACE







and Subservier Discriminator brachure

personnel, Welte Mr. Walter Hutches,

Under study and a sounble fature



MAJOR LEASE FINANCING

PUBLIC CARRIERS + CORPORATE OPERATORS MANUFACTURERS and OVERHAUL AGENCIES

ARGRAPY - ENGINES - PARTS - GROUND and SHOP EQUIPMENT Long Years - Sheef Term - Flexible Schoolship

Feel Circulation

AFRODYNAMICISTS & STRUCTURES ENGINEERS

Here are interesting openings on advanced VTOL Projects...



Bell Accords in making steady progress toward the Expansion of this VTOL recovery has evented over-

· Structural Design and Analysis



For example, Ruly Suids the complete, 4) (not finely prefer, at path

The fact that our record backlog figure is over 50% commercial contracts is just one of many reasons Rohr offers unusual security along with professional growth to highly-skilled aircraft engineers.*



Antisbeck Body Attochwest

Direct Telephone Line

IT'S ALWAYS 'WINTER' SOMEWHERE

Controlled Heat is packaged by

and delivered anywhere

wastes of DEW Line installations ... it is shown

delivered with utmost dependability SAFEWAY

shoot neythers), you can rely on SAFEWAY



860 Newfield Street - Middletown, Gersenten





AVIONICS

TYPICAL resident smart forcest the Nazone 200 or on community. Industry of left dealers visual amounter and exchanged business than the Lear Designs Lightplane IFR Equipment

By Inner A. Feers

not all remunests of the CAP's. has 191 could controlled absent Many many for the development *YHI server, Remove at supplied apparatually which after their the



NORD CT-20 Turbo powered Radio controlled Target Drone



Warhead Device Jupiter watered device, recovered follow-

Zero launched from sta own porta-

ble trailer, the CT-80 CAN RE VEW branchetter. Transmetter correct Decorned and built to fiv like a fighter, the CT-80 offers high per-

supply is equilibred supplying a savige Navigation module and Air Porce, It has also been For corpulate details write:

DYNA-SOAR

SPACE FLIGHT VEHICLE of the future

OPENS KEY POSITIONS IN

. AUTOMATIC CONTROL

. ELECTRONIC DISPLAY

* STEUCTURES RESEARCH

AERODYNAMICS * STREES AMAINSE

ANALYSS * HUMAN ENGINEERING

+ OPERATIONAL dustry Technical and Manaeerial canability, company of







suchased adoption by oblining two

reded on a phase books which

+ Remails sevent Remails account

white the panel radicates Commer



Hail Detector Device Measures Electricity

Sket and had colleges, a many



California de La Carte Maria Carrella de C



AVATION WEBS, Secretary 15, 1959





HUNTER

down the street. On weekreds he hunts, subs are capable of fearthing mismiss Grumman S2F-1 Trackers from country aw stations if secretary, be'll rain one

Astrophysics SIF-1 Treplant are great effective police facts in cases of



CHIMMEN MINCHAST INCRESSIONS ASSESSMENTON deduge . Logicial . See link

Expansions, Changes In Avionics Industry

thand much of Acuse Telectronin den-* betrements for bulletty, but, buy cacked upto new \$5,000 on the plant at Free Wes, and William F. Gunnar

Jet Heat Indicator

say 10 des post between 0 and 1,200C.

stelled on New blump single recently countered Agent manage count HOURS's

. Second Wise & Cable Co. has so-

sa. It plant to Pomusians, N. I.

EILTED CENTED



PIANE FAX



Flying the Yukon air trails for "black gold"!

The Alicelan Yolon country is one of the world's roughout ruces to search far til even by six Helicourer sixter To allow evamenation of outerwaveness or collection of occ"Managerering through difficult areas payatres instant Oil Compounded," Sleveras Inc., swa Cherron and HPM tions at Postland's Transfale Airport as well as their

We take better care of your plans





EQUIPMENT

Support Gear Tailored to B-58 Systems

By Crain Levis Pt Weeth-Vanlage the record





\$.45 or present for trader under transmittee condition course from -656 to +365 ANNATION WEEK Sustender 15, 1735



The Harder Field Engrave's encountries. The background is dealing web command

HUGHES

Reliability Fector





NOW SUPPLYING MEATER AIR TO BUIDANCE SYSTEMS OF PRODUCTION MISSILES



RESEARCH INC COPPLET TERM

NEW CHIST POINT "CASTLE COTTER" PREVENTS HAMMER DAMAGE CONCRETE GENERAL POR SECURING CASHLLATED MOTS





VHF COMMUNICATIONS

TRANSPORTED POWER SUPPLY

* Purch SCS, DCS or complexity flushing

Feet Weskington, Pa.

PRE-TOOLED BULER CAR

John Hot. Cowner greend report

America Verbier sei Minis Its Wilson Par Wilson Par Wilson of Parties of promotion of the Parties of the Partie design which had though him to the real factor to t

AMC Contracts

Navy Contracts Pollower is a last of condensated con-

design-procurament.

It's the her to a made range

SPECO

Tel Devenges, B., skul of abroad under Europ Wordt Corp. Dally, 1cc

turn warmer and Halos C. Frinds, fold But L. Feldele, server expressing

WHO'S WHERE

nindra analast in the property Firetra

Chales W. Wallace, test love warms tereme Camerly Cop., Suffrir N 1.

Dimension "X" in Fig. 1 is ended introments of 6000" under perm

MICRO-BEARING **ABSTRACTS**

by A. M. GAMES, Provident New Monpolers Sell Secreta, Inc. GEAR DIFFERENTIAL BACKLASH



To here hearing rapes in sectional regulars, another more bless in useful Each purses has its own affunction shall. The extends and of the possible shall. In filled with a Transer Them

"No Libraryope Officential

spided determines charifester differential DESIGN HANDEDGE

Trace find Traces are stabilist stric included appropriate to turnous specific financians. With all direct soon purposed, bevolutes are ap-

on of new molet





DESTANDABLE PROGRESS DE PRESENCE POR TRE AVANTON PRESENTA, LISTEM, COME \$4.00 NAMERICA DESCRIPTO DESCRIPTO 1,000 SPARITE PRODUCT CATAGORIES. In India's brid computation mariner aver-

land hardware — Lusas Probes, Manuel, Space Vehicles, Earth Suellies, Missiles, Dyras Soar — Luru speed new berroom for the oration attoury. Development in Impecially different national and months are cally different national and months are not a new new hard proceed for new supment are not hard proceed for new supplemer, and new prospect. The sign posters where they can obtain complete neutrino involved they can obtain complete neutrino involved to the complete neutrino international complete neutrino in-

Despite — Covers the entire ovintion industry. Fro major product distance, sub-divided into 1980 undowhed product entropyres.

1000 uzdesshud product entrgoren. Quiek and ease to une. Products are cross referenced. Complete failing of government procurement agencies. Tells: Where to got, Who to see: What

they buy.
Alphabetical consulactorers unlex.

SEMERITS TO ADVERTISERS

Multiple exposure of your message.

Advertisers receive hold face product livings which
initials "advertisement page reference."

Advertisements are product indexed in addition to
resulter advertisers index.

Beeder service cards to supply you with key tathatry sales feals.

Beyons of avisation products and equipment for alocrefit missiles and some whiches will be become for

Arterior whith forms Gold, the few 3500 enterior that then ever beine. If you sell in the assistion that then ever beine. If you sell in the assistion that then ever beine. If you sell in the Beyon's Guide — as well as your corruptly product listing.

Aviation Week

Space Technology



COMPONENT, PROCEERSS, AIR FORCE... as Air Force side is an overstment or time and maney which must be protected. He is an accurate present the force of the process of the same security rests. Dut to the United States Air Force a pilot is more than a set of the page. He is your wing man., your baddy in the most behalt, is principles member of your team. He deserves, and gret, All the presention the United States Air Force can provide gret, all the presention the United States Air Force can provide.

THE KAMAN AIRCRATT CORTORATION

* NUCLEAR DIVISION * ALREADISTICAL NEW MEXICO

WHO'S WHERE

(Chromat Ann page 13)

Heremore Corp. Lee Argeles Gold.

Gene IR Bider, and Core Devision

G. F. Food, disease and W. E. Loft,
and Lee Argeles Gold.

G. F. Food, disease and W. E. Loft,
and Lee Argeles Gold.

G. F. Food, disease and W. E. Loft,
and C. S. Food, White Mark Leep

Long Co. S. Food Vene W. Prock we

Long Co. S. Food Vene W. Prock we

Long Co. S. Food Vene W. Prock

D. Condf. Excell, everage Theretone

D. Condf. Excell, everage Theretone

D. Condf. Excell, everage Theretone

Dept. All W. Landers, Lebestone, 34th

Roy Block, chief capacer, Technology

Dept. Condf. Cond.

Roy Block, Cond.

Dept. Condf. Cond.

Roy Block, Cond.

Dept. Condf. Cond.

Dept. Condf. Cond.

Dept. Condf.

on a pilet for Republic Milesqui Tirrapanja M. Gilan, bell apparer of the ocis, found Viltars Fasher Delma, Rosso Lebert Goy Lie, Naghe Gill Same Labourier, File Ale, Galfin be a second the following beforest and Street Labourier, File Ale, Galfin be a second the following beforest and Street Fasher gaps, Wald B. Char, named foil appellula, Radio H. Charle, many foil appellula, Radio H. Charle, Kepta Beatra pages pleasing ad and Kepta Beatra pages pleasing and and gates, Lab J. H. Eddie.

gulern, John J. Faffiller, mentagei in cul-despin and primotel. Wahn Seasisk, manager, Ambers surregi Edospinso of Solvano. En Frankers, Inc., Williamseller, V. Y. F. Solvalis in crossle V. Solvania, in c. of the Egymanismic Solvania, in c. of the Egymanismic Solvania, in Vivy Caldi De, Bersonal K. Minnighetti, o.

Stand Engineering Ive., Plansfeld N Earth Herror, department head arise progressing and molecus and Facil Keller, department head dignil citigal Tenero Arrisik Cosp., Dallar, Ter. AVAZION 1971S, Suppostor 18, 1995 Clear your way to recognition NOW!

EMPLOYMENT OPPORTUNITIES



Night enrichestates Lauseus resoly recognition of year depressions.

Before the property of t

THERMODYNAMICS SUBJECT A FIRED CVALUATION AREA OF THE PROPERTY OF THE PROPERTY

STRUCTURE DESIGN ENGINEER

We'll knew melles wide required he has restrict for a districted design are presented in 15th designs in Consequent Conjugate on Reduceding are presented as appelentially with name of a secretarial in the dataset, at the mell intellige attention to the dataset of the dataset, at the mell intellige attention to the dataset of the dataset of the conjugate received in the dataset and development of network streets of the dataset of the dataset and development of network of the datasets in the dataset of the dataset and development of network of the least of the dataset of the dataset of the dataset of the dataset of the least of the dataset of the dataset of the dataset of the dataset of the analysis of the dataset of t

When
Answering
BOX NUMBERS...
to expedite the hondless at you
correspondence and world confesize, please do not needed to
size, please do not needed.

tein currynnici orrottumen sic. 1909 efec z spol, efectus primes in part morphism pathem. Research incidentile is seefned to jet the type of man, yet seed, made Cushelini is yet-ded.



accelerates to the Nth degree at Republic's

GUIDED MISSILES



KAMAN AIRCRAFT has openings for

several qualified electronics enviragers

AVATON WER, September 13, 1755

AIRCRAFT CORPORATION

DESIGN ENGINEES WIND, TAX AND PUBLISH

for employing and provinced made an armost and askeds properly DINAMICS ENGINEERS

AVIATION WEEK Separater 15 1955

ELECTRONICS DISENSERS AND PHYSICISTS

INTERNEWS MILL OF HEID IN THESE CITIES IN THE HEAR FUTURE.

New York City & Lang Island + Complex + Septem + York + Leagueter + Affections Screen & Workland & Fitchisch & Dayler & About & Clareland & Grand Proble & Chicago South Stand or Microscopius or Dr Jouan or Known City of Particula Cityana

CONVAIR - SAN DIEGO

2222 Pacific History, Sen Deeps, Colifornia CONVAIR IS A DIVISION OF GENERAL DYNAMICS CORPORATION

vigorous

engineering climate





TUGHT TEST AND SENIOR PUGNT TEST DISSINERS

FLECTRONICS ENGINEERS ASI IT'S EAST TO APPLY FOR A LIBER SUPERIOR ENGINEERS & SCIENTISTS

RAPRESENTATIVE POSITION

MECHANICAL INGINITIES . PHYSICS

DON'T SEND IN A RESUME. Single solt for our convenient application from . If a shall be depar-

RABAR - COSCOTTOMIAGURES - DISPOSA COMMUNICATIONS -MAYYOUNGER + MANAGERS STREETS + NAMES CONTROL +

ME V A PERSONAL DEST SHAFT GENERAL SE ELECTRIC

MICCHIE SVETENC AWAINCE MARCHARD OPERATIONAL ANALYSIS Chance Yearlst-producer of Brew-TEST FACILITIES ANALYSIS ENGINEER

To work on Engales and other no-PERSONAL PROPERTY ASSESSMENT Assess apostic problem areas with

AND DESCRIPTION OF SELFMAN Lougher Amenary

WHATCHD AND DESCRIPTION OF THE SPECIAL PROPERTY.

AUPKNOON OF EN IT THE TOTAL TO SEE PARTY WITH A POPUL SEVENIEND PARTY OF THE PA THEORETICAL SERGITATION

POSTURE OF PERSONNEL WAY ARREST

AFROMUTEDONIC SYSTEMS INC.

CLASSITIO SEARCHLIGHT SECTION ADVITTIONS BUSINESS OPPORTUNITIES EQUIPMENT - USED or RESALE

NAS a feet minimum & these for fights offence payment many &

FOR SALE

By Owner Immediate Delivery

MUNICIPAL AUGUST MANTHURCE CO

Depart Land Street Prints Park

FOR SALE

AIRCRAFT

AERIAL PHOTOGRAPHY

* InTWIN BEST

For grown and description— SPECIN ARREST SURVEYS, 1945

CAT'S FOR SALE DG-2'S

* I-CESSNA 195

New 201 despited trained and annual or colored states of train in the last of the states of the stat

tended 1518 Total or from a ten book book for your Allers & the book to be a few allers and the book to be a few and the book to be few and the book to be a few and the book to be a few and the bo

8000 AND PERSONNELL

PRINCIPLE TO SERVICE Assured builty of Greenward

EMANGE PROSTREE, INC.

expansive well's Suppositor 16, 1865

***** SYSTEMS MARKETCATION DOD Flores II. Plant SE 1120. Parriere, Salid FOR SALE AN DERIGH TEACH

DOUGLAS 8 260 STEEL STATE OF STREET, STATE OF STATE O

FOREIGN and DOMESTIC OPERATORS C-54E/DC-4 Total SE A local material Child and the World

> NATIONAL AREO LIAUNG COSP PORS \$1340 \$2000

> \$1836 - \$4P\$2 - 95 **ENGINE WORKS** PRY SA DIMHRITH 22-5409

LODESTAR Earthful 1925-38 ma State negative 2000 page Books to be booked former Man Chi i Fred

TREVARNO MAKES IT TOUGHER THAN YOU THINK. This blood are dust molded of Treverso resin impregnated glass fabric, operates under conditions tougher than you can Imagine. It makes certain that air gets to the oil cooler in the engine section of Convair's supersonic F-102A. That's why it must be light, yet strong enough to withstand supersonic vibration fabric by H. J. Thomoson Filter Glass Company, this set duct as another example of how Treverno products can do a job too tough for other materials to handle. If you want to make a product better. Trevarno's staff of experts is ready

to help. Write Coast Manufacturing & Supply Company, P. O. Roy 71, Livermore, California, Sales offices 4924 Greanville Avenue, Dallas, Texas, 635 South Kenmore Avenue,

at Livermore, Calif and Season, Texas & Straw -

Trevarno

HEADQUARTERS FOR PRO-IMPREDIATED INDUSTRIAL AND BOAT AND 10 THE PROLATE PARRIES.

ADVERTISERS IN THIS ISSUE

AND SECURE AND PERSONS ASSESSED.

AND THE WAY A ROOM IN BARREST SECURITY CATC DECEMBER AND THE PART OF

STATE OF THE PERSON NAMED AND POST OF seems of the venture of the same PRODUCT OF REAL PROPERTY OF THE PERSONAL PROPERTY OF PERSONS CONTRACTOR OF THE PARTY OF THE religion. section Tolling to.

Chinade vinters in MARTIN MAPERATURE ARRESTS ATT

ad like signing transfer our train designation in the last sales and substituted the same BELTSON, server of the P.

over attended to be stary

MARKET OF THE PARTY OF relative to deliver of topology.

ELECTRONICS **ENGINEERS**

Week on America's most

Beliability Angless, Flight

NORTH AMERICAN





LETTERS

Russian Engine

Painful Reality

From a year of priMemous this sub-

when he fire the couch maple: DC 9.
The munit recited solf strink count refer.

330 W 42cm St., New York 36, N 1. Try to five fetters under 500 words and give a granter identification. We will

Marquardt Bamiets

'Grand Little Missile

AMAZION WEEK, September 15, 1958









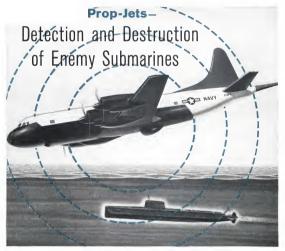




the answer is right in this family







Navy Picks Allison Prop-Jet-Powered Lockheed Electra for Anti-Submarine Warfare Duty

"SIGHTED SUB—SANK SAME" will take on a new meaning for Navy submarine hunters when Allison Prop-Jet Power joins the ranks of Navy Anti-Submarine Warfare Squadrons. Sub-hunting is long-range patrol duty that demands dependable, smooth-running engines around the clock in all kinds of weather.

Allison Prop-Jet Power does this job. Four turbine engines developing a total of 18,000 horsepower will speed the Lockheed P3V-1 ASW plane over 400 mph to the alert area. Two of the powerful Allison Prop-Jets can

be feathered while on station giving the Hunter/Killer plane additional endurance required for the exacting task of searching out, tracking and destroying enemy submarines.

The P3V-1 will be designed around the basic Allisonpowerd Electra commercial transport, already flight proved for 15 leading world airlines. The selection of the basic design features of the Electra for the P3V-1 will result in an ASV land plane at a considerable saving in development time.

ALLISON DIVISION OF GENERAL MOTORS CORPORATION, Indianapolis 6, Indiana



